

The present invention discloses an imaging apparatus constructed as follows. The imaging apparatus picks-up a subject image formed by a imaging optical unit, and comprises an image pickup device for photoelectrically converting a subject image, a memory for storing gamma property data of the image pickup device and light quantity distribution data of incident light in accordance with pixel positions on the image pickup device; and a correcting circuit for correcting image signals outputted from each pixel of the image pickup device based on the gamma property data and light quantity distribution data that are stored in the memory. Thereby, a drop in peripheral light quantity can be electrically corrected while reflecting the gamma property of the image pickup device without an increase in noise, whereby a high-quality image accurately reproducing the actual brightness distribution in a shooting range can be obtained.